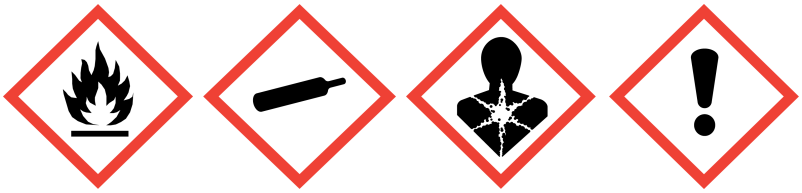
Pro Form Products Ltd.
604 McGeachie Drive
Milton, Ontario, L9T 3Y5
Canada
905-878-4990

**PRODUCT: 13184 E-Coat DTM PRIMER 3 in 1 OLIVE GREEN**

## SECTION 01: IDENTIFICATION

| | |
|---|---|
| Product identifier..... | 13184 E-Coat DTM PRIMER 3 in 1 OLIVE GREEN |
| Other means of identification | |
| Chemical family..... | Mixture. |
| Recommended use and restrictions on use .. | Paints. |
| Initial supplier identifier..... | Wyatt Machine Tools Rupes (NZ) Limited<br>388 Church Street, Penrose, Auckland, New Zealand<br>PH: (09) 525 1000<br>Email: info@wyatt.co.nz<br>Emergency number 0800 992 881 (0800WYATT1) |
| 24 hour emergency number:..... | NZ Emergency 0800 992 881 (0800WYATT1). |
| - | |
| NFPA rating..... | Health: 2 Fire: 4 Reactivity: 0. |
| HMIS..... | H: 2 F: 4 R: 0. |

## SECTION 02: HAZARD IDENTIFICATION



| | |
|---|---|
| Hazard Classification..... | Flammable Aerosols — Category 1. Gases Under Pressure: Liquefied Gas. Specific Target Organ Toxicity — Single Exposure — Category 3. (narcotic effects). (respiratory system). Carcinogenicity — Category 2. Reproductive Toxicity — Category 1. |
| Signal Word..... | DANGER. |
| Hazard Description..... | H222 Extremely flammable aerosol. H229 Pressurized container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 This product contains ingredients that are suspected of causing cancer. H360 May damage fertility or the unborn child. |
| Prevention..... | P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition sources. P251 Do not pierce or burn container, even after use. P261 Avoid breathing mists, vapours and sprays. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection. |
| Response ..... | P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P308 + P313 If exposed or concerned, get medical advice/attention. P312 Call a POISON CENTER/doctor if you feel unwell. |
| Storage..... | P233 Keep container tightly closed. P403 Store in a well ventilated area. P405 Store locked up. P410 Protect from sunlight. P412 Do not expose to temperature exceeding 50°C / 122°F. |
| Disposal..... | P501 Dispose all unused, waste or empty containers in accordance with local regulations. |
| Note ..... | This product mixture has been classified based on its ingredients. |

## SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME AND SYNONYMS | CAS # | WT. % |
|---|---|---|
| Acetone | 67-64-1 | 15-40 |
| Isobutyl Acetate | 110-19-0 | 10-30 |
| Propane | 74-98-6 | 10-30 |
| Isobutane | 75-28-5 | 5-10 |
| Methyl Isobutyl Ketone | 108-10-1 | 5-10 |
| Titanium Dioxide | 13463-67-7 | 1-5 |
| 2-Propanol, 1-methoxy-, acetate | 108-65-6 | 1-5 |

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## SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

| | | |
|---|---|---|
| Ethyl 3-Ethoxypropionate | 763-69-9 | 1-5 |
| Xylene | 1330-20-7 | 0.1-1 |
| Ethylbenzene | 100-41-4 | 0.1-1 |
| Toluene | 108-88-3 | 0.1-1 |
| N-methyl pyrrolidone | 872-50-4 | 0.1-1 |
| <<The actual concentration(s) withheld as a trade secret>> | . | |

## SECTION 04: FIRST-AID MEASURES

Eye contact..... In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Obtain medical attention.

Skin contact..... Remove all contaminated clothing and immediately wash the exposed areas with copious amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. If irritation persists, seek medical attention.

Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.

Ingestion..... If ingestion is suspected, contact physician or poison control center immediately. Do not induce vomiting. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, ..... whether acute or delayed: Harmful if swallowed, in contact with skin or if inhaled. May cause mild skin irritation. May cause eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. This product contains ingredients that are suspected of damaging fertility or the unborn child. This product contains ingredients that may cause cancer.

Additional information..... Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

## SECTION 05: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing ..... media: "Alcohol" foam, $CO_2$, dry chemical. Do not use water in a jet.

Specific hazards arising from the ..... hazardous product, such as the nature of any hazardous combustion products: Thermal decomposition products are toxic. May include:. Oxides of carbon (CO, $CO_2$). Hydrocarbon fumes and smoke.

Special protective equipment and ..... precautions for fire-fighters: Extremely flammable aerosol. Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture.

## SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective ..... equipment and emergency procedures: No action shall be taken involving any personal risk or without suitable training. Isolate area and keep unauthorized people away. Do not walk through spilled material. Wear recommended protective equipment. Ventilate. Open windows and doors to allow air circulation. Dike area to prevent spreading. The use of absorbent socks or spill pillows may be required. Stop leak if safe to do so. Prevent runoff into drains, sewers, and other waterways. Use non-sparking tools and equipment to pick up the spilled material.

Methods and materials for containment and cleaning up

Leak/spill..... Ventilate. Eliminate all sources of ignition. Evacuate all non-essential personnel. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Avoid all personal contact. Absorb with an inert dry material and place in an appropriate waste container. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations.

## SECTION 07: HANDLING AND STORAGE

Precautions for safe handling..... Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not pressurize, cut,

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## SECTION 07: HANDLING AND STORAGE

Precautions for safe handling..... weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Ground handling equipment. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. Handle and open container with care. Employees should wash hands and face before eating or drinking.

Conditions for safe storage, including any incompatibilities: Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight. Do not store above 50 deg C.

## SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

| INGREDIENTS | ACGIH TLV TWA | ACGIH TLV STEL | OSHA PEL PEL | OSHA PEL STEL | NIOSH REL |
|---|---|---|---|---|---|
| Acetone | 250 ppm TLV | 500 ppm | 1,000 ppm | Not established | 250 ppm |
| | ON: 500ppm (TWA); 750ppm (STEL) | | | | |
| Isobutyl Acetate | 50 ppm | 150 ppm | 150 ppm | Not established | 150 ppm |
| Propane | 1,000 ppm | Not established | 1,000 ppm | Not established | 1,000 ppm |
| Isobutane | Not established | Not established | Not established | Not established | 800 ppm |
| Methyl Isobutyl Ketone | 50 ppm | 75 ppm | 100 ppm | Not established | 50 ppm / STEL 75 ppm |
| Titanium Dioxide | 10 mg/m3 | Not established | 15 mg/m3 | Not established | Not established |
| 2-Propanol, 1-methoxy-, acetate | 50 ppm | 75 ppm | Not established | Not established | Not established |
| Ethyl 3-Ethoxypropionate | Not established | Not established | Not established | Not established | Not established |
| Xylene | 50 ppm | 150 ppm | 100 ppm TWA | Not established | Not established |
| Ethylbenzene | 100 ppm | 125 ppm | 100 ppm | Not established | 100 ppm / STEL 125 ppm |
| Toluene | 20 ppm | Not established | 200 ppm | 500 ppm 10 minutes | 100 ppm / STEL 150 ppm |
| N-methyl pyrrolidone | Not Established | Not Established | Not Established | Not Established | Not Established |

Respiratory/type..... Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.

Eye/type..... Liquid chemical goggles. Chemical safety goggles and full faceshield if a splash hazard exists.

Gloves/ type..... Wear skin protection equipment. The selection of skin protection equipment depends on the nature of the work to be performed.

Clothing/type..... Wear adequate protective clothes.

Footwear/type..... Safety boots per local regulations.

Other/type..... Emergency showers and eye wash stations should be available. Employees should wash their hands and face before eating, drinking, or using tobacco products.

Appropriate engineering controls..... Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation. Explosion-proof exhaust ventilation.

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state..... Aerosol.
Colour..... Green.
Odour..... No data.
Odour threshold (ppm)..... Not available.
pH..... Not applicable.
Melting / Freezing point (deg C)..... -95°C (-139°F). (acetone).
Initial boiling point / boiling range (deg C). 56°C (133 F). (acetone).
Flash point (deg C), method..... -18°C. (estimate for liquid).
Evaporation rate..... No data.
Flammability (solids and gases)..... Flammable aerosol.
Upper flammable limit (% vol)..... 9.5. (propellant).
Lower flammable limit (% vol)..... 1.8. (propellant).
Vapour pressure (mm Hg)..... 55-75 psig @21°C.

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## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|
| Vapour density (air=1)..... | No data. |
| Relative Density (Specific Gravity)..... | 0.810 - 0.850. |
| Pounds / USG..... | 6.76 - 7.10. |
| Solubility..... | No data. |
| Partition coefficient — n-octanol/water..... | Not available. |
| Auto ignition temperature (deg C)..... | 450°C. (propellant). |
| Decomposition temperature..... | Not available. |
| Viscosity..... | Not available. |
| VOC..... | 3.86 lbs/USG; 462.5 g/L. |

## SECTION 10: STABILITY AND REACTIVITY

| | |
|---|---|
| Reactivity ..... | Product is stable; hazardous polymerization will not occur. |
| Chemical stability..... | Stable at normal temperatures and pressures. |
| Possibility of hazardous reactions..... | Will not occur under normal temperature and pressure. |
| Conditions to avoid, including static ..... discharge, shock or vibration | Keep away from heat. Electrostatic charge. |
| Incompatible materails..... | Strong oxidizing agents. |
| Hazardous decomposition products..... | See hazardous combustion products section 5. |

## SECTION 11: TOXICOLOGICAL INFORMATION

| INGREDIENTS | LC50 | LD50 |
|---|---|---|
| Acetone | 50,100 mg/m3 8 hours, rat | 5,800 mg/kg (rat oral) |
| Isobutyl Acetate | >13.24 mg/L /6 h rat | 15400 mg/kg (rat oral) > 17400 mg/kg (rabbit dermal) |
| Propane | >1,464 mg/L 15 minutes rat | Not available |
| Isobutane | 52 mg/L 1 hour mouse | Not available |
| Methyl Isobutyl Ketone | 8.2 - 16.4 mg/L 4 hours rat | 2080 mg/kg rat oral >16,000 mg/kg rabbit dermal |
| Titanium Dioxide | >6.8 mg/L (4 hr) | > 10,000 mg/kg (rat, oral) > 10,000 mg/kg (rabbit, dermal) |
| 2-Propanol, 1-methoxy-, acetate | Not Available | 8,532 mg/kg rat oral 5,000 mg/kg dermal rabbit |
| Ethyl 3-Ethoxypropionate | >998 ppm 6 hours | 4,309 mg/kg rat oral 4,080 mg/kg rabbit dermal |
| Xylene | 6350 ppm 4 hours rat | >3523 mg/kg rat oral |
| Ethylbenzene | No data | 3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal |
| Toluene | 8000 ppm rat inhalation 400 ppm mouse inhalation 24hr | 5,000 mg/kg rat oral; 12,124 mg/kg rabbit dermal |
| N-methyl pyrrolidone | No Data | 3600 mg/kg (oral, rat) |

| | |
|---|---|
| Route of exposure..... | Eye contact. Skin contact. Inhalation. |
| Effects of acute exposure..... | The aromatic hydrocarbon solvents in this product can be irritating to the eyes, nose and throat. In high concentration, they may cause central nervous system depression and narcosis characterized by nausea, lightheadedness and dizziness from overexposure by inhalation. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Can be irritating to eyes and skin. This product is harmful if inhaled or swallowed. |
| Effects of chronic exposure..... | Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal . Prolonged or repeated skin contact may cause drying or cracking of skin. |
| Carcinogenicity of material..... | Ethylbenzene is known to the state of California to cause cancer and developmental effects and is listed by IARC as a Group 2B Carcinogen. Xylene has been listed by IARC as a Group 3; not classifiable as to its carcinogenicity to humans. IARC has classified Titanium Dioxide as a group 2B carcinogen. |
| Reproductive effects..... | Reproductive toxicity (developmental): N-methyl pyrrolidone. High level exposure to Xylene in some animal studies have been reported to cause health effects on the developing embryo/fetus. The relevance of this to humans is not known. Toluene is fetotoxic in rats and mice at maternally toxic levels. Prolonged and repeated exposure of pregnant animals (>1500 ppm) to Toluene have been reported to cause adverse fetal developmental effects. |
| Specific Target Organ Toxicity ..... | May cause drowsiness or dizziness. May cause respiratory irritation. |

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## SECTION 12: ECOLOGICAL INFORMATION

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|---|---|
| Environmental..... | Do not allow to enter waters, waste water or soil. |
| Persistence and degradability..... | Not available. |

## SECTION 13: DISPOSAL CONSIDERATIONS

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|---|---|
| Information on safe handling for disposal and methods of disposal, including any contaminated packaging . | Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. |

## SECTION 14: TRANSPORT INFORMATION

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|---|---|
| TDG Classification..... | UN1950 - AEROSOLS, flammable - Class 2.1 - This product meets limited quantity exemption when shipped in containers less than 1 Litre. |
| DOT Classification (Road)..... | UN1950 - AEROSOLS, flammable - Class 2.1 - Ltd Qty (1 Liter/0.26 Gallons). |
| IATA Classification (Air)..... | UN1950 - AEROSOLS, flammable - Class 2.1 - Limited Quantity. Do not ship by air without checking appropriate IATA regulations. |
| IMDG Classification (Marine)..... | UN1950 - AEROSOLS - Class 2.1 - EmS: F-D, S-U - Limited Quantity. Check IMDG regulations for limited quantity exemptions. |
| Marine Pollutant..... | No. |
| Proof of Classification..... | In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. . |

## SECTION 15: REGULATORY INFORMATION

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|---|---|
| CEPA status..... | On Domestic Substances List (DSL). |
| TSCA inventory status..... | Not determined. |
| OSHA..... | This product is considered hazardous under the OSHA Hazard Communication Standard. |
| SARA Title III | |
| Section 302 - extremely hazardous substances ..... | None. |
| Section 311/312 - hazard categories..... | Immediate health, delayed health, fire hazard. |
| Section 313..... | Ethylbenzene. Methyl Isobutyl Ketone. Xylene. |
| EPA hazardous air pollutants (HAPS) 40CFR63 ..... | Chromium Compounds. Ethylbenzene. Methyl Isobutyl Ketone. Toluene. Xylene. |
| California Proposition 65..... | *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause birth defects or other reproductive harm. (Methyl Isobutyl Ketone (D)). (N-methyl pyrrolidone (nmp)). (Toluene). *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer . (Ethyl benzene). (Methyl Isobutyl Ketone (C)). (Titanium dioxide - airborne, unbound particles of respirable size). For more information, go to www.P65Warnings.ca.gov. |
| (NZ) Statement..... | This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017. |
| (NZ) HSNO Classifications..... | 2.1.2A. 6.7B. 6.8A. 6.1E. 6.9B. |
| (NZ) HSNO Group Standard..... | Aerosols - Flammable Toxic 6.7 HSR002517. |

## SECTION 16: OTHER INFORMATION

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|---|---|
| Prepared by: ..... | REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com. |
| Telephone number:..... | (800) 387-7981. |
| Disclaimer:..... | DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process. |
| Date of the latest revision of the safety data sheet .. | 2020-09-22 |